



PATENT
Attorney Docket No. 440379

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

WELCH et al.

Application No. 09/720,197

Filed: April 10, 2001

Group Art Unit: 1724

Examiner: R. Chiesa

For: PLEATED FILTER AND METHOD FOR
MAKING THE SAME

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
U.S. Patent and Trademark Office
220 20th Street S. Customer Window, Mail Stop RCE
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

Pursuant to 37 CFR 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 and/or Substitute Form PTO-1449 ("Form 1449") are submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner place his or her initials in the appropriate area on the enclosed Form 1449, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form 1449 is for the purpose of providing a complete record and is not a concession that the references listed thereon are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so.

Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

The Information Disclosure Statement is being filed:

- ☒ **within** any one of the following time periods: (a) within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d); (b) within three months of the date of entry of the national stage as

set forth in 37 CFR 1.491 of an international application; (c) before the mailing date of a first Office Action on the merits; or (d) before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

- ☐ **after** (a), (b), (c) or (d) above, but before the mailing date of a final action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and includes *one* of:

☐ the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below).

or

☐ the fee of \$180 set forth in 37 CFR 1.17(p) (see "Fees" below).

- ☐ **after** the mailing date of a final action under 37 CFR 1.113 or a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and on or before payment of the issue fee, and includes the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below).

- ☐ **after** the mailing date of a Notice of Allowance under 37 CFR 1.311, and on or before payment of the issue fee, and **within** thirty days of receiving each item of information contained in the Information Disclosure Statement, and includes the Statement under 37 CFR 1.704(d) (see "Statement under 37 CFR 1.704(d)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below).

NOTE: This is for original applications except applications for a design patent, filed on or after May 29, 2000, wherein a paper containing only an Information Disclosure Statement in compliance with 37 CFR 1.97 and 1.98 is being filed.

Copies of the References

- ☐ Copies of the references listed on the enclosed Form 1449 are enclosed herewith.
- ☒ Copies of U.S. patents and patent applications that are listed on the accompanying Form 1449 are not enclosed herewith. Copies of other references identified on the accompanying Form 1449 are enclosed herewith.
- ☐ Attached to each reference not in the English language is a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3). An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3).
- ☐ A copy of the foreign search report is enclosed herewith.
- ☐ The references listed on the enclosed Form 1449 were previously identified in the parent application(s) of the present application, and copies of the references were furnished at that time. Accordingly, additional copies of the references are not

submitted herewith, so as not to burden the file with duplicate copies of references. The Examiner is respectfully requested to carefully review the references in accordance with the requirements set out in the Manual of Patent Examining Procedure. In accordance with 37 CFR 1.98(d), the details of the parent application(s) relied upon for an earlier filing date under 35 USC 120 in which copies of the references were previously furnished are set out below:

U.S. APPLICATIONS		Status (<i>check one</i>)		
U.S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
1.				
2.				
3.				

Statement under 37 CFR 1.97(e)

- ☐ The **undersigned** hereby states that each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the Information Disclosure Statement.
- ☐ The **undersigned** hereby states that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

Statement under 37 CFR 1.704(d)

- ☐ The **undersigned** hereby states that each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 CFR 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

Fees

- ☒ **No fee** is owed by the applicant(s).
- ☐ The **IDS Fee of \$180** under 37 CFR 1.17(p) is enclosed herewith.

Method of Payment of Fees

- ☐ Attached is a check in the amount of \$.
- ☐ Charge Deposit Account No. 12-1216 in the amount of \$. (A duplicate copy of this communication is enclosed for that purpose.)

In re Appln. of WELCH et al.
Application No. 09/720,197

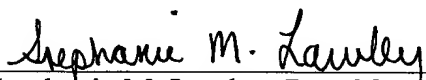
Authorization to Charge Additional Fees

- ☒ If any additional fees are owed in connection with this communication, please charge Deposit Account No. 12-1216. (A duplicate copy of this communication is enclosed for that purpose.)

Instructions as to Overpayment

- ☒ Credit Account No. 12-1216.
☐ Refund

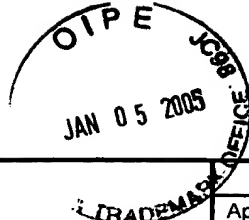
Respectfully submitted,


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Date: 1-5-05
SML/nc

IDS (Revised 10/21/04)

Please type a plus sign (+) inside this box →



Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	09/720,197
Filing Date	April 10, 2001
First Named Inventor	WELCH
Group Art Unit	1724
Examiner Name	R. Chiesa
Attorney Docket Number	440379/PALL

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U.S. PATENT DOCUMENTS

Examiner Initials	Doc. No.	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
		Application or Patent Number	Kind Code			
	1	2,936,855		Allen et al.	5/17/1960	
	2	3,552,704		Pond	1/5/1971	
	3	3,583,711		Engleman	6/8/1971	
	4	3,659,719		Westlin et al.	5/2/1972	
	5	3,782,082		Smith et al.	1/1/1994	
	6	3,793,813		McAllister	2/26/1974	
	7	3,859,068		McLaren et al.	1/7/1975	
	8	3,914,116		Westlin	10/21/1975	
	9	4,049,405		Goldsmith et al.	9/20/1977	
	10	4,061,082		Shuler	12/6/1977	
	11	4,124,362		Westlin et al.	11/7/1978	
	12	4,127,397		O'Nan, Jr. et al.	11/28/1978	
	13	4,164,901		Everett	8/21/1979	
	14	4,215,682		Kubik et al.	8/5/1980	
	15	4,515,609		Cuvelier	5/7/1985	
	16	4,537,812		Elbers	8/27/1985	
	17	4,547,950		Thompson	10/22/1985	
	18	4,600,420		Wydeven et al.	7/15/1986	
	19	4,650,506		Barris et al.	3/17/1987	
	20	4,652,285		Greene	3/24/1987	
	21	4,657,570		Gronholz et al.	4/14/1987	
	22	4,702,269		Schuler	10/27/1987	
	23	4,708,724		Agnew	11/24/1987	
	24	4,793,051		Golden et al.	12/27/1988	
	25	4,863,499		Osendorf	9/5/1989	
	26	4,946,484		Monson et al.	8/7/1990	
	27	4,963,171		Osendorf	10/16/1990	
	28	5,063,926		Forsgren et al.	11/12/1991	
	29	5,066,400		Rocklitz et al.	11/19/1991	
	30	5,096,473		Sassa et al.	3/17/1992	
	31	5,096,477		Shinoda et al.	3/17/1992	
	32	5,098,767		Linnersten	3/24/1992	
	33	5,203,201		Gogins	4/20/1993	
	34	5,234,739		Tanaru et al.	8/10/1993	
	35	5,252,207		Miller et al.	10/12/1993	
	36	5,306,321		Osendorf	4/26/1994	
	37	5,324,579		Sassa et al.	6/28/1994	
	38	5,395,429		Sutsko et al.	3/7/1995	
	39	5,409,515		Yamamoto et al.	4/25/1995	
	40	5,415,676		Tokar et al.	5/16/1995	

Examiner Signature

Date Considered

- * A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).
- + An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

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JAN 05 2005

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First Named Inventor	WELCH
Group Art Unit	1724
Examiner Name	R. Chiesa
Attorney Docket Number	440379/PALL

Sheet	2	of	2
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U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation	
			Yes	No**
	54	WADSWORTH, L. et al.; "Melt Blown Processing And Characterization Of Fluoropolymer Resins", <u>INDA J. of Nonwovens Research</u> , (1992).		

Examiner Signature _____

Date Considered

- + An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).